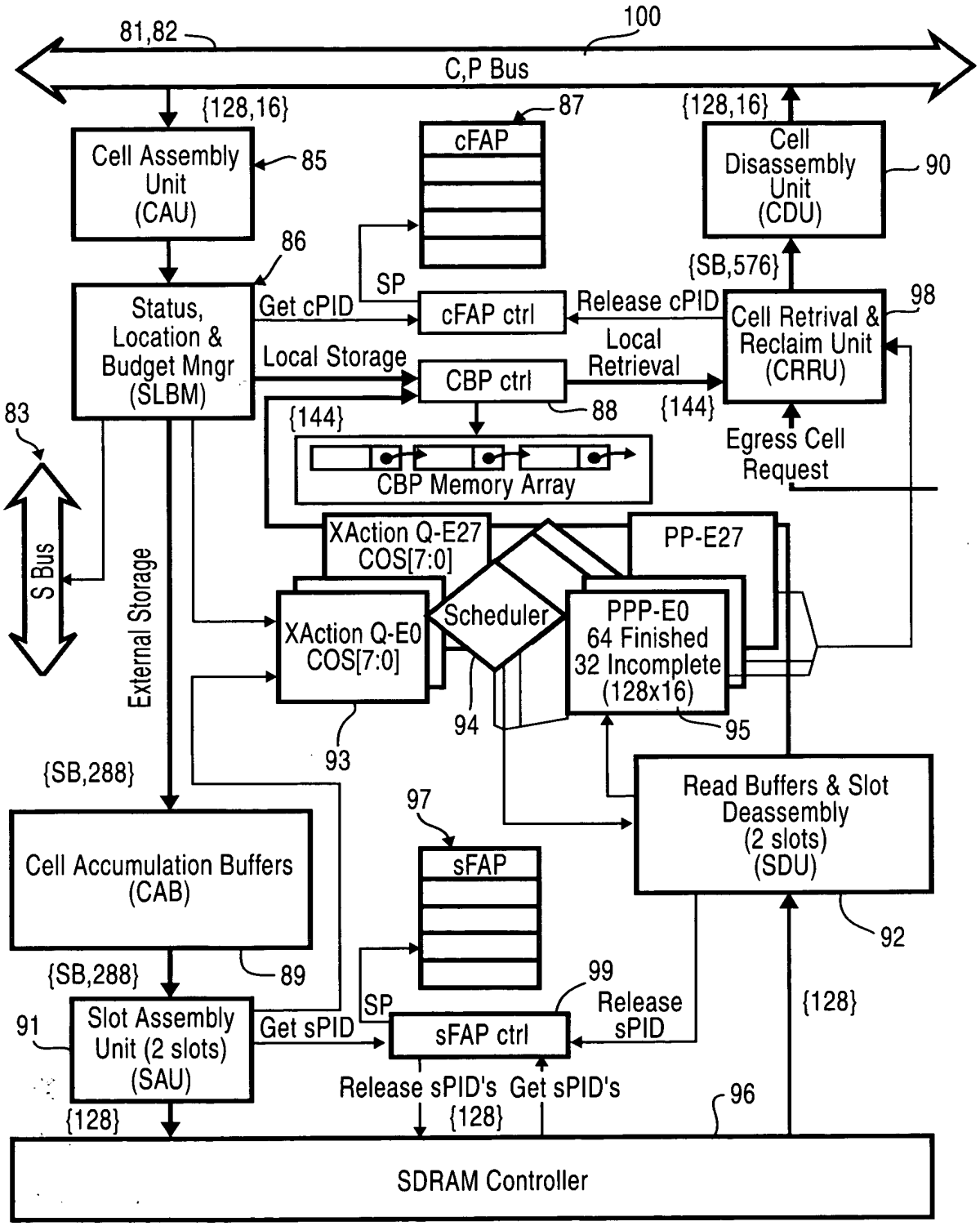
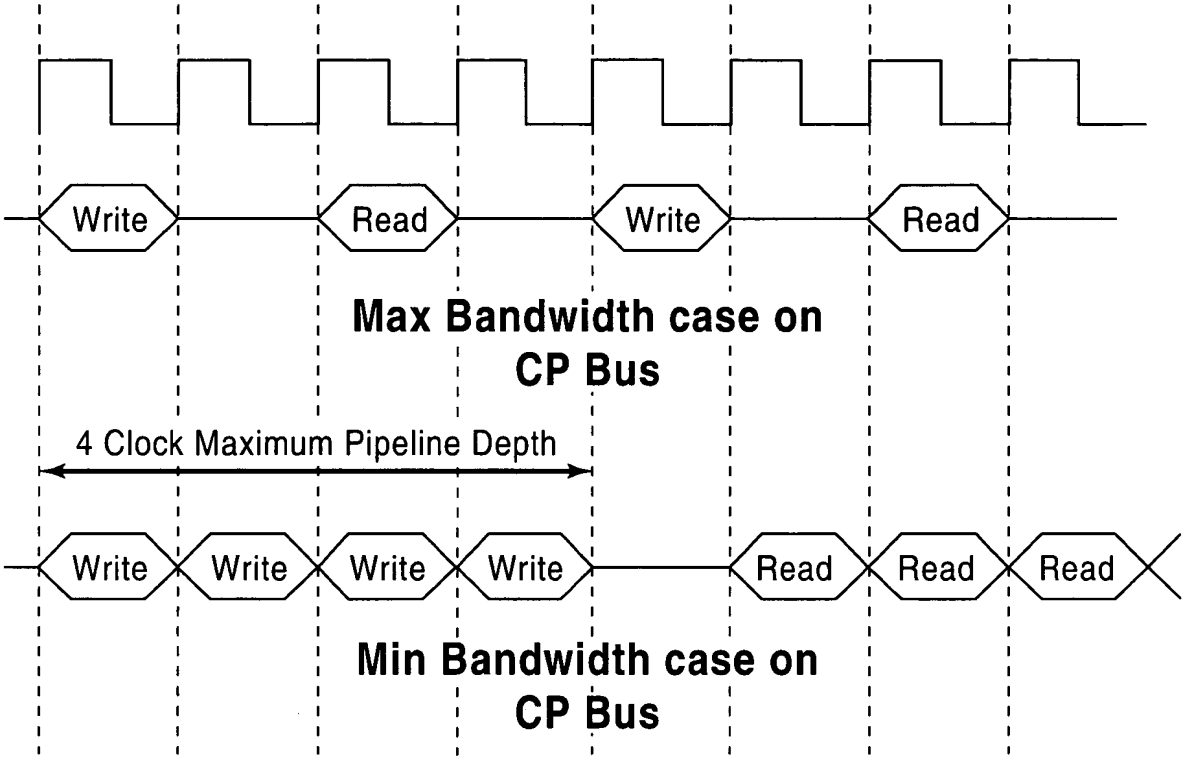


Fig.20

Fig.21



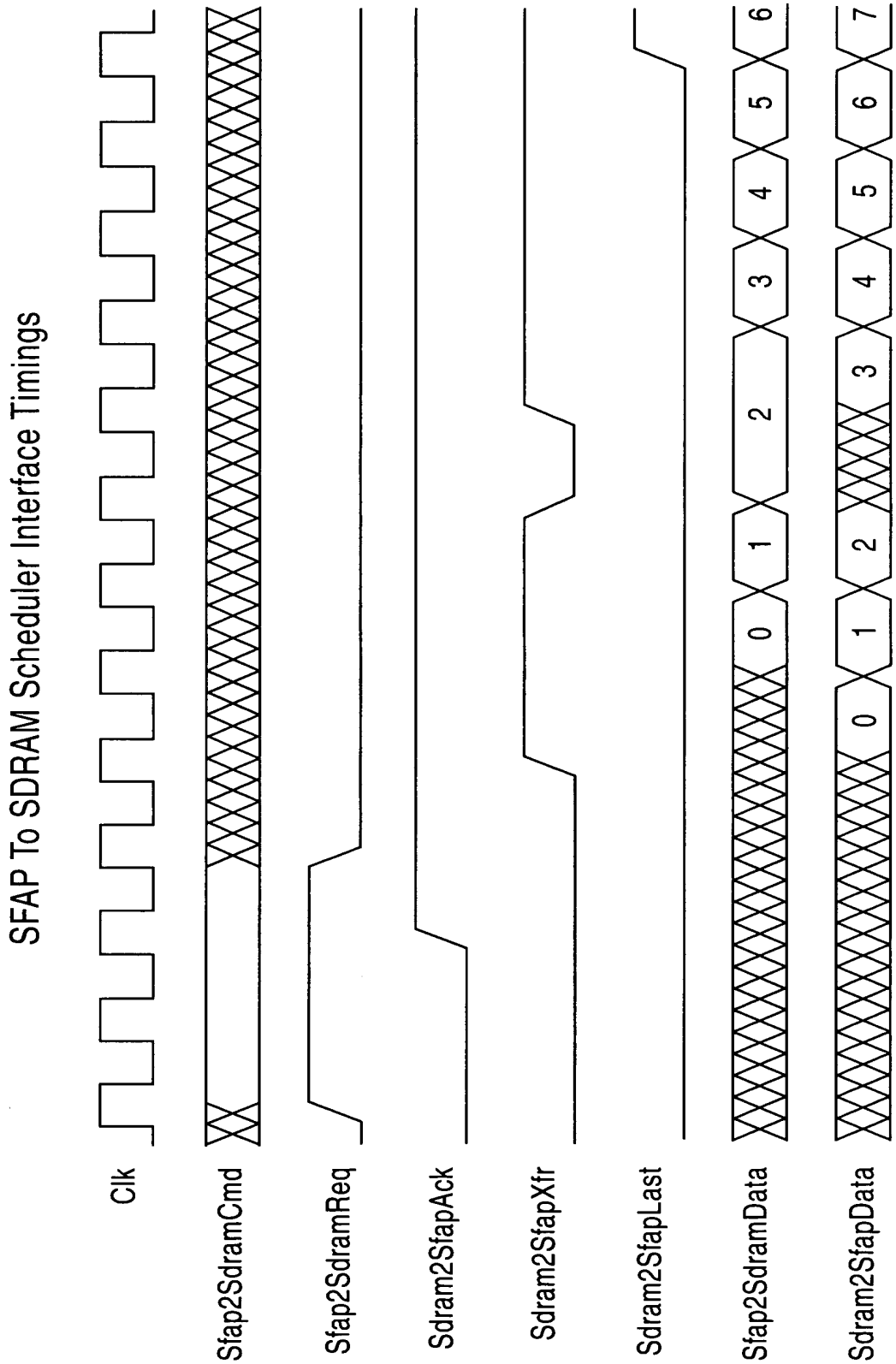


Fig.22

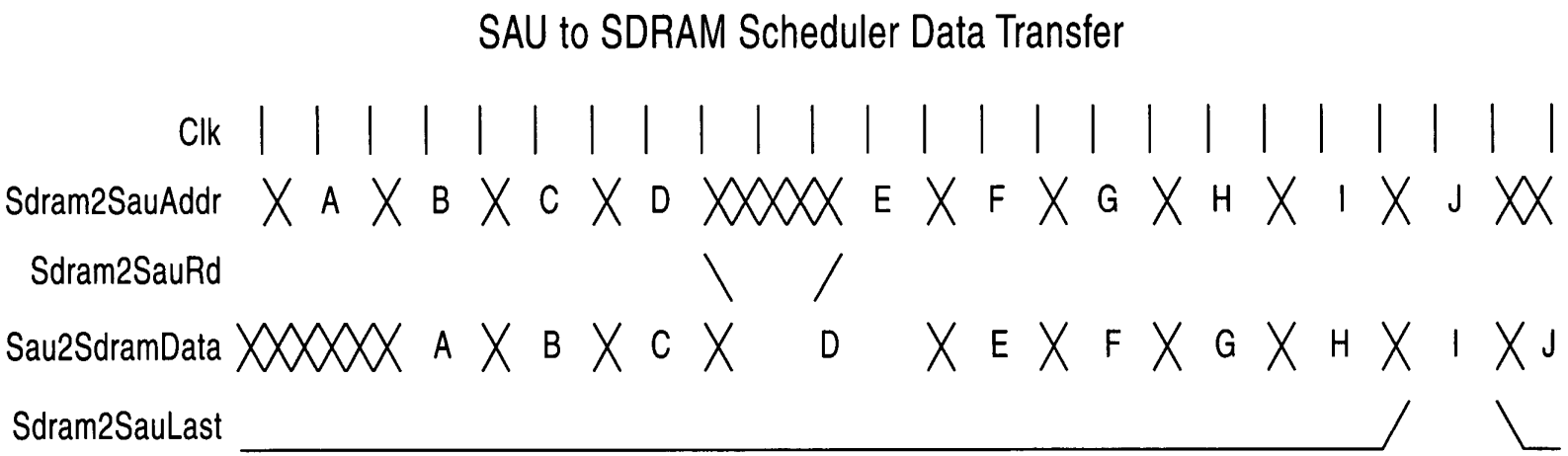


Fig.23

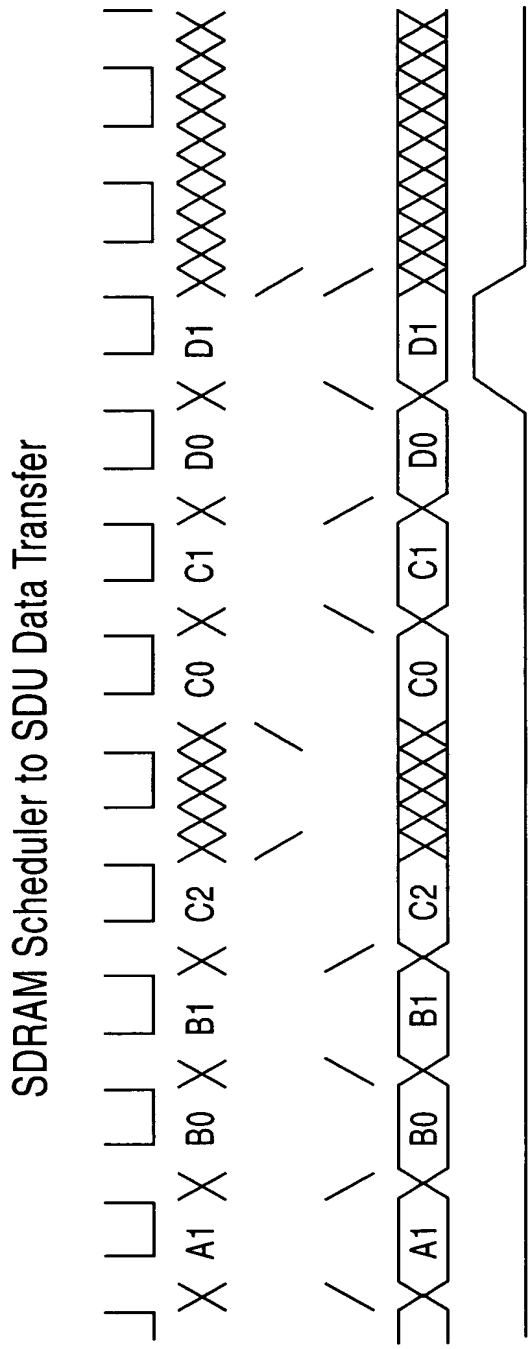


Fig.24

Fig.25

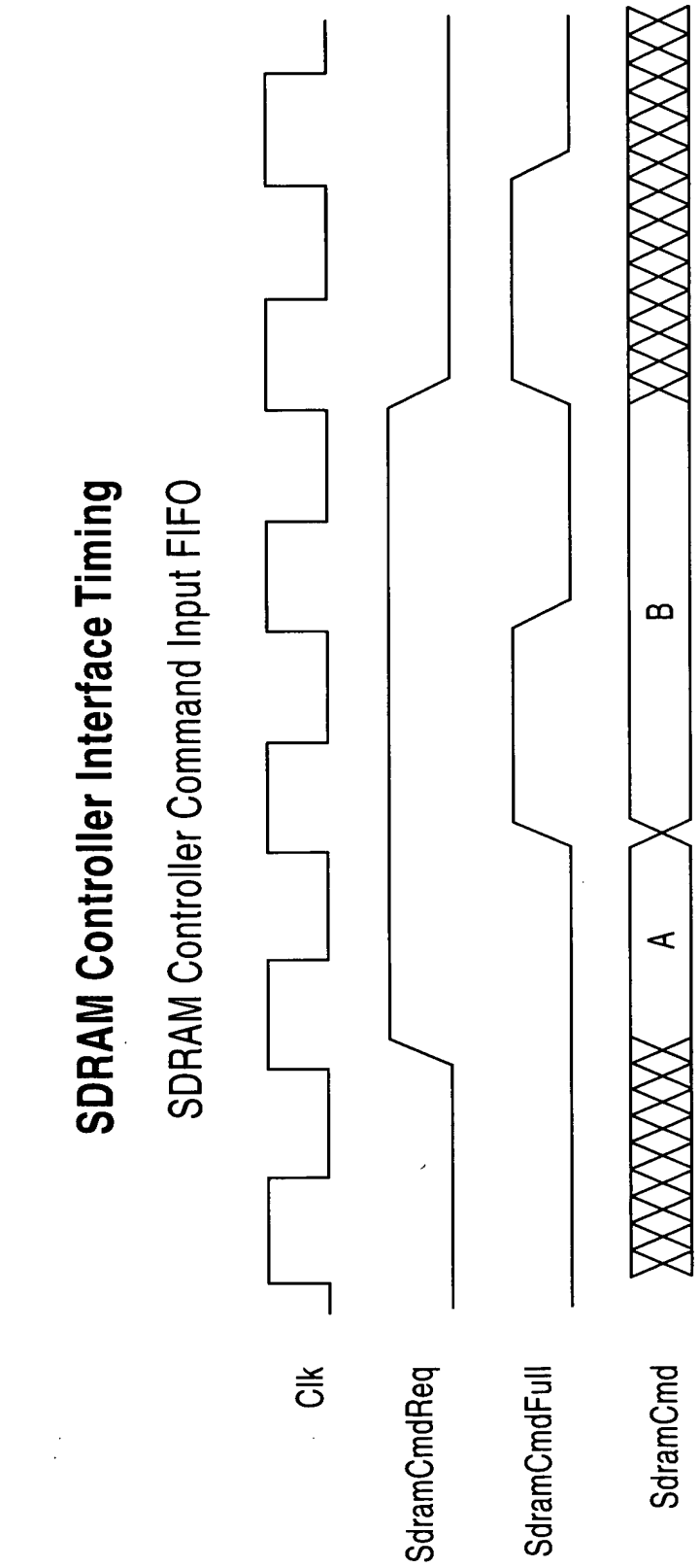


Fig.26

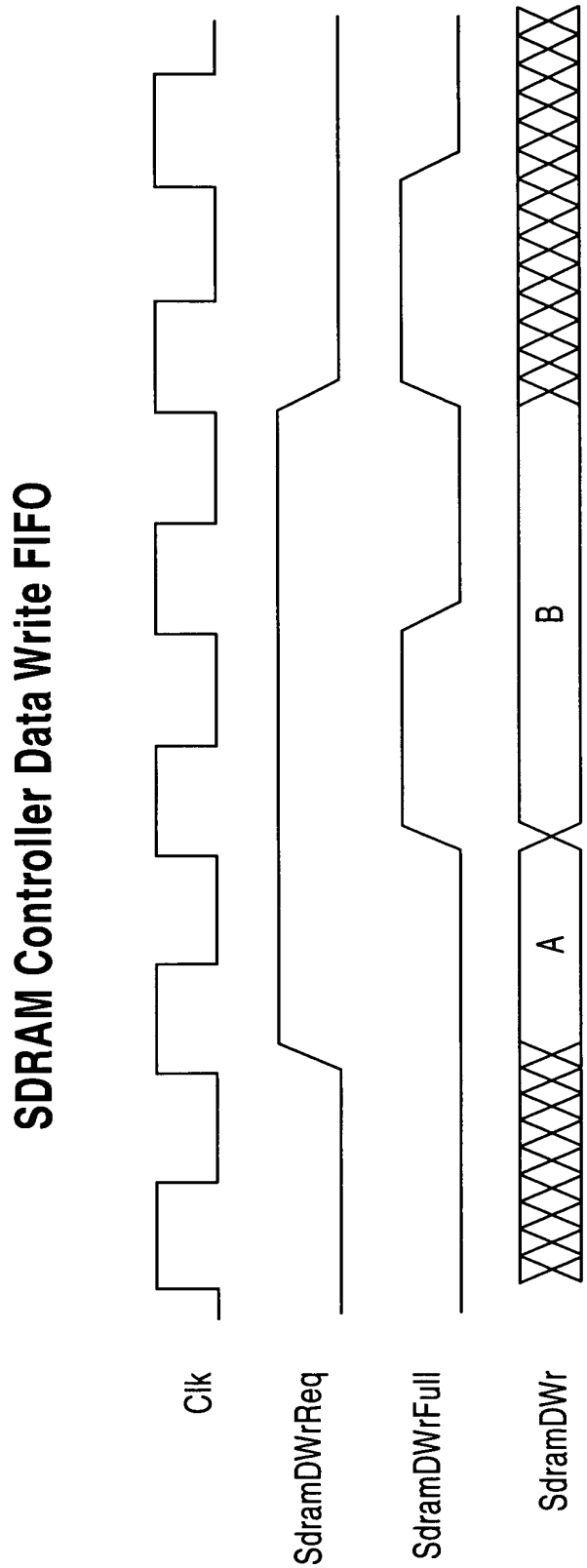
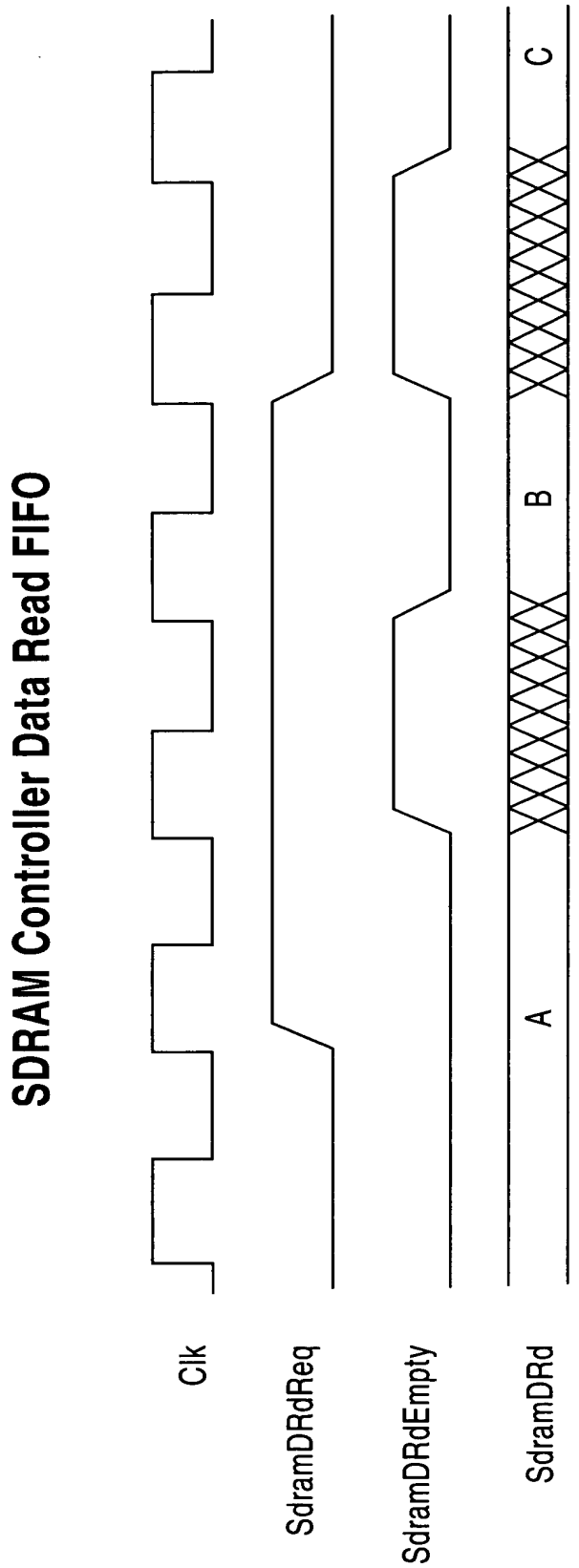


Fig.27



Field	Left	Right	Bits
Src	310	306	5
CPUOpcode	305	302	4
BC/MC Bitmap	301	270	32
Cos	269	267	3
P	266	266	1
FC (S)	265	265	1
LC(E)	264	264	1
CRC	263	262	2
Len (0=64)	261	256	6
O	255	254	2
BC/MC	253	253	1
Copy Count (0=32)	252	248	5
Untagged Bitmap	247	216	32
IP	215	215	1
IPX	214	214	1
Time Stamp	213	200	14
Cell Data Bytes 24-0	199	0	200
Total			311

Fig.28

Cell Size	SAU Words	SDRAM Words
00	1	2
01	1	3
10	2	4
11	2	5

Fig.29

Field	Left	Right	Bits	First Only
Last Slot	313	313	1	X
Next Slot ID	312	297	16	X
Copy Count	296	292	5	X
CPUOpcode	291	288	4	
Cell Size	287	286	2	
P	285	285	1	
FC	284	284	1	
LC	283	283	1	
CRC	282	281	2	
Len	280	275	6	
O	274	273	2	
BC/MC	272	272	1	
IP	271	271	1	
IPX	270	270	1	
Time Stamp	269	256	14	

Fig.30

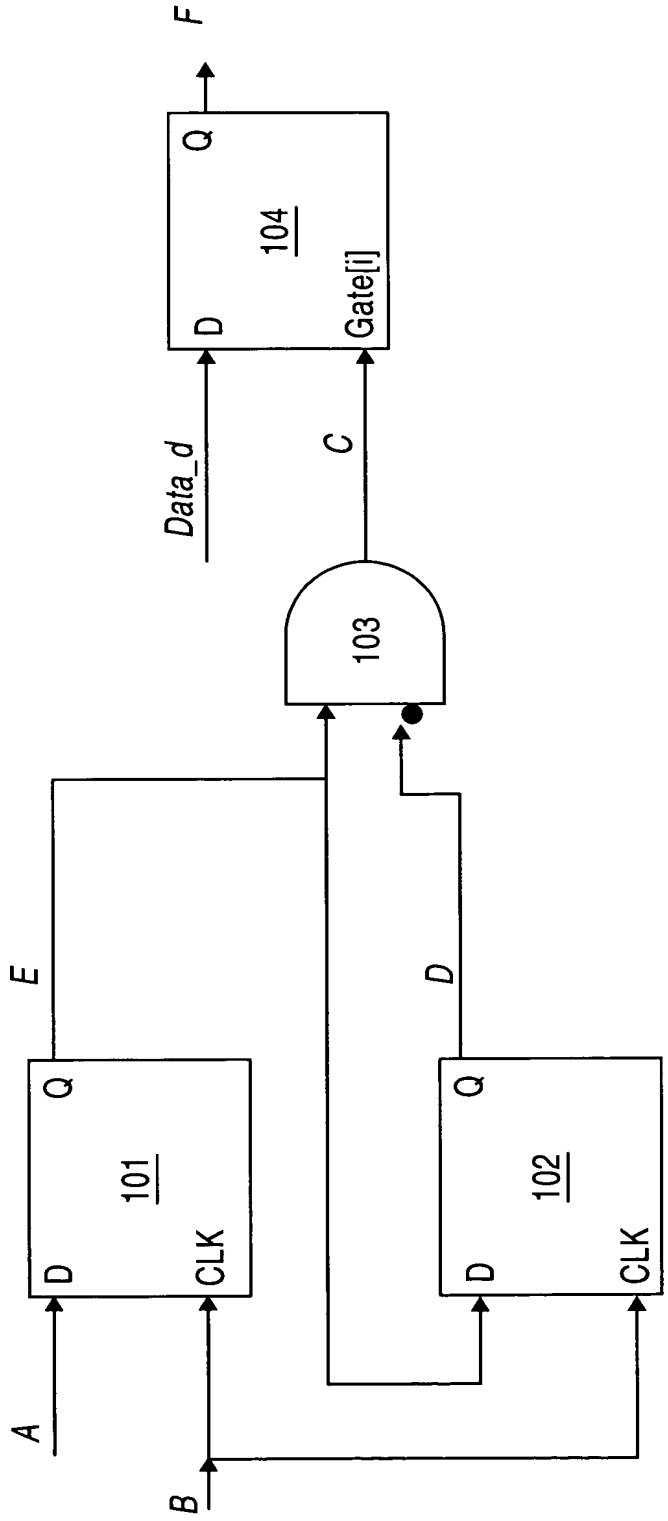
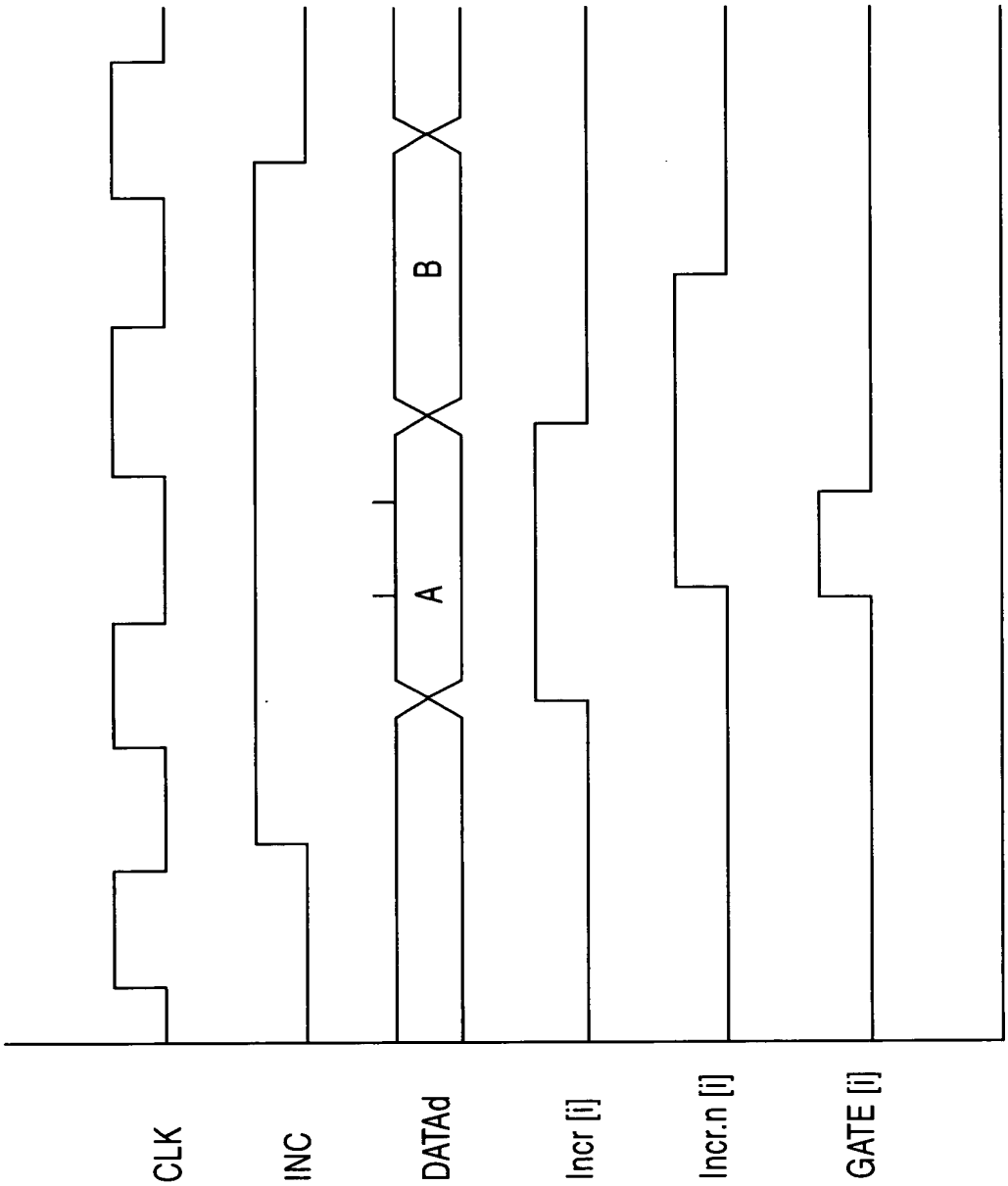
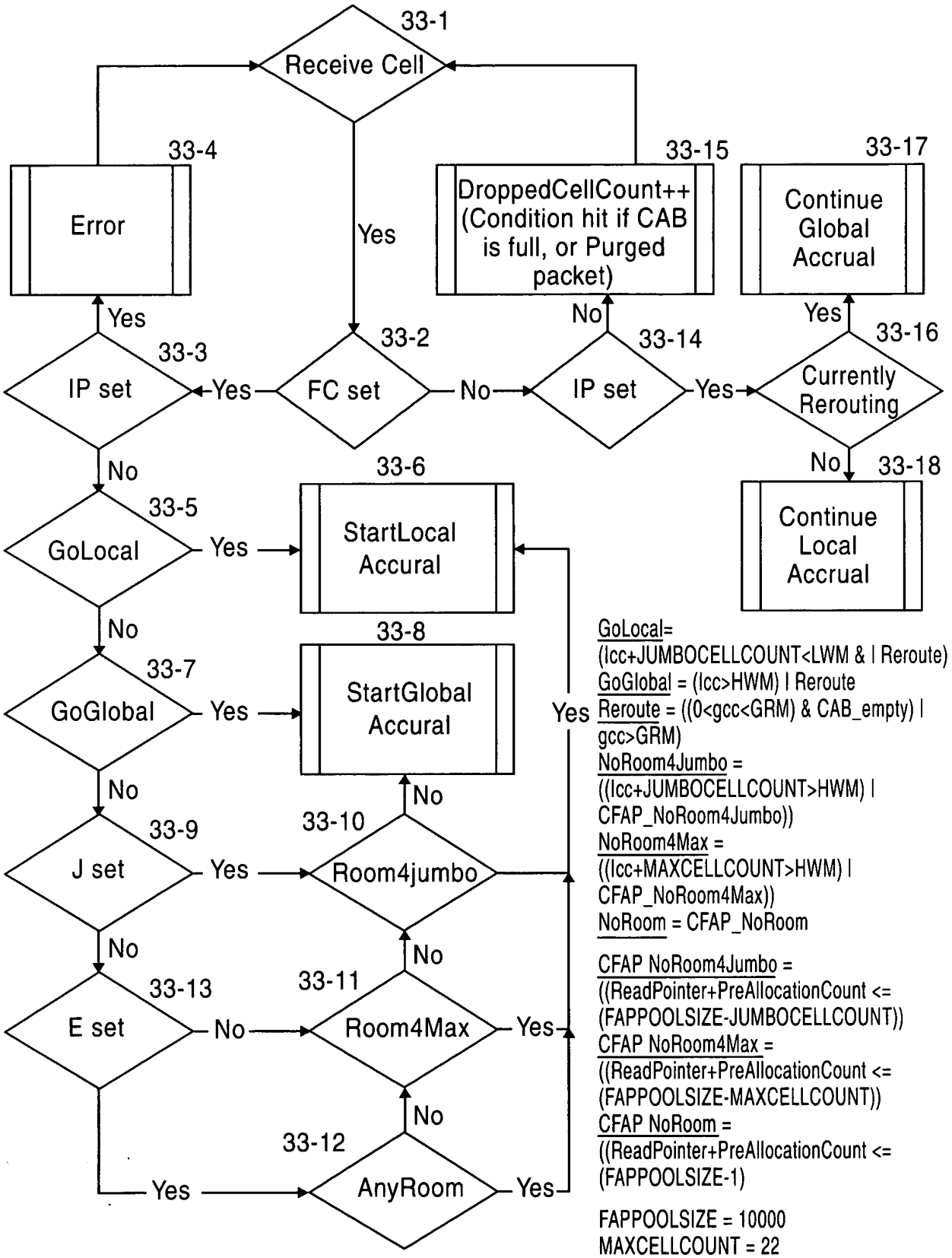


Fig.31

Fig.32





GoLocal=
(Icc+JUMBOCELLCOUNT<LWM & ! Reroute)
GoGlobal = (Icc>HWM) ! Reroute
Reroute = ((0<gcc<GRM) & CAB_empty) ! gcc>GRM)
NoRoom4Jumbo = ((Icc+JUMBOCELLCOUNT>HWM) ! CFAP_NoRoom4Jumbo))
NoRoom4Max = ((Icc+MAXCELLCOUNT>HWM) ! CFAP_NoRoom4Max))
NoRoom = CFAP_NoRoom

CFAP NoRoom4Jumbo = ((ReadPointer+PreAllocationCount <= (FAPPOOLSIZE-JUMBOCELLCOUNT))
CFAP NoRoom4Max = ((ReadPointer+PreAllocationCount <= (FAPPOOLSIZE-MAXCELLCOUNT))
CFAP NoRoom = ((ReadPointer+PreAllocationCount <= (FAPPOOLSIZE-1)

FAPPOOLSIZE = 10000
MAXCELLCOUNT = 22
JUMBOCELLCOUNT = 141
FCP = First Cell Pointer
IP = Packet assembly in Progress

Fig.33

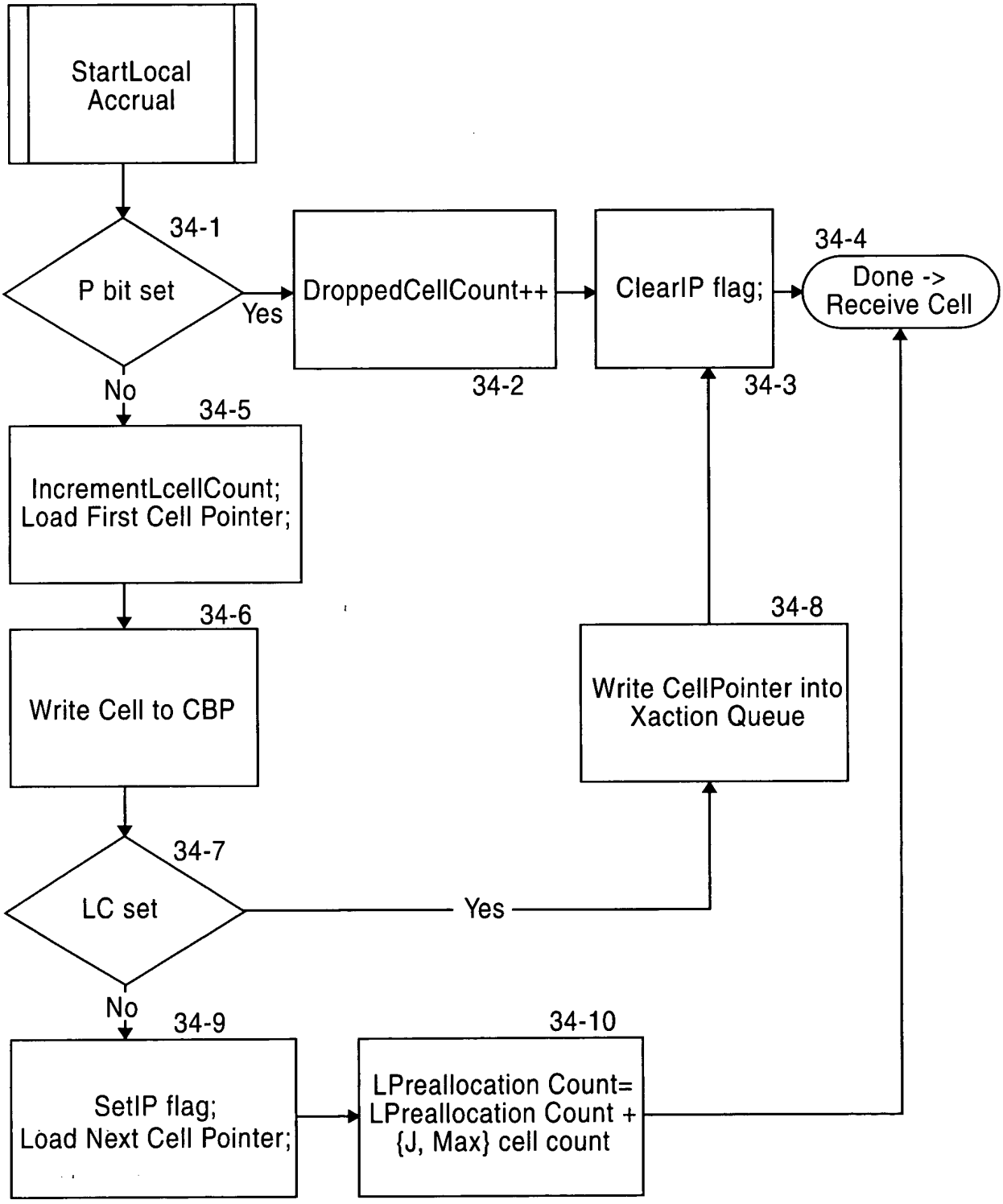
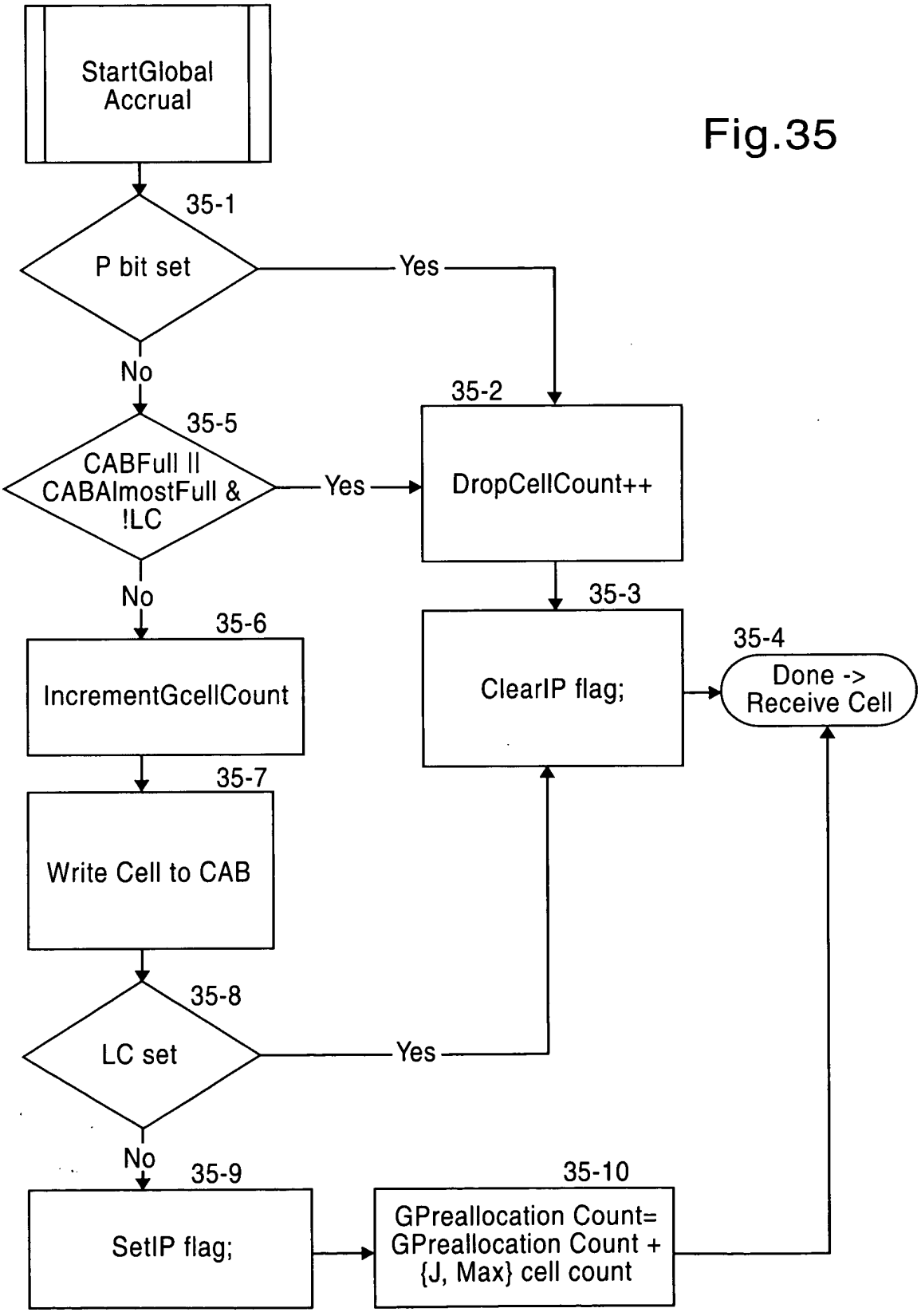


Fig.34

Fig.35



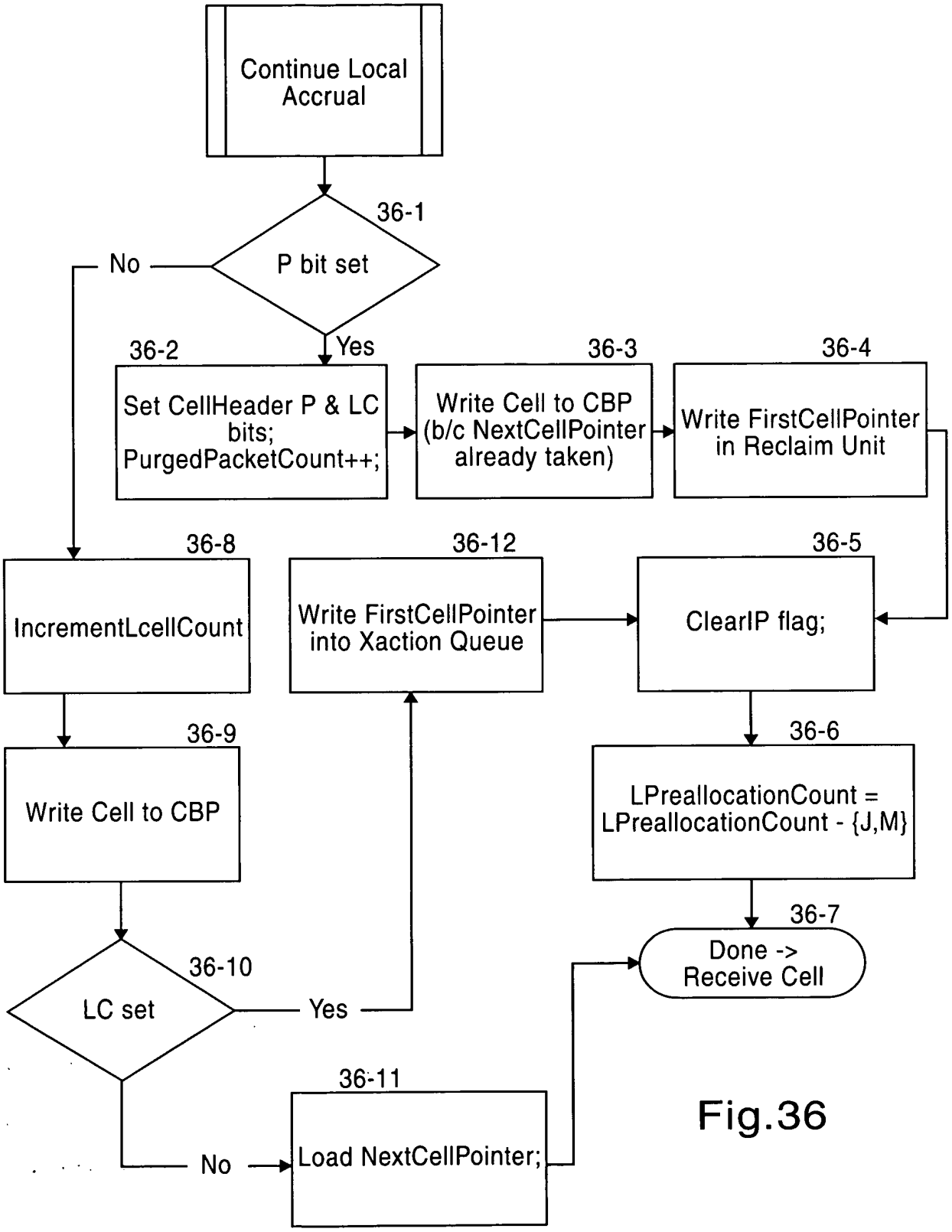


Fig.36

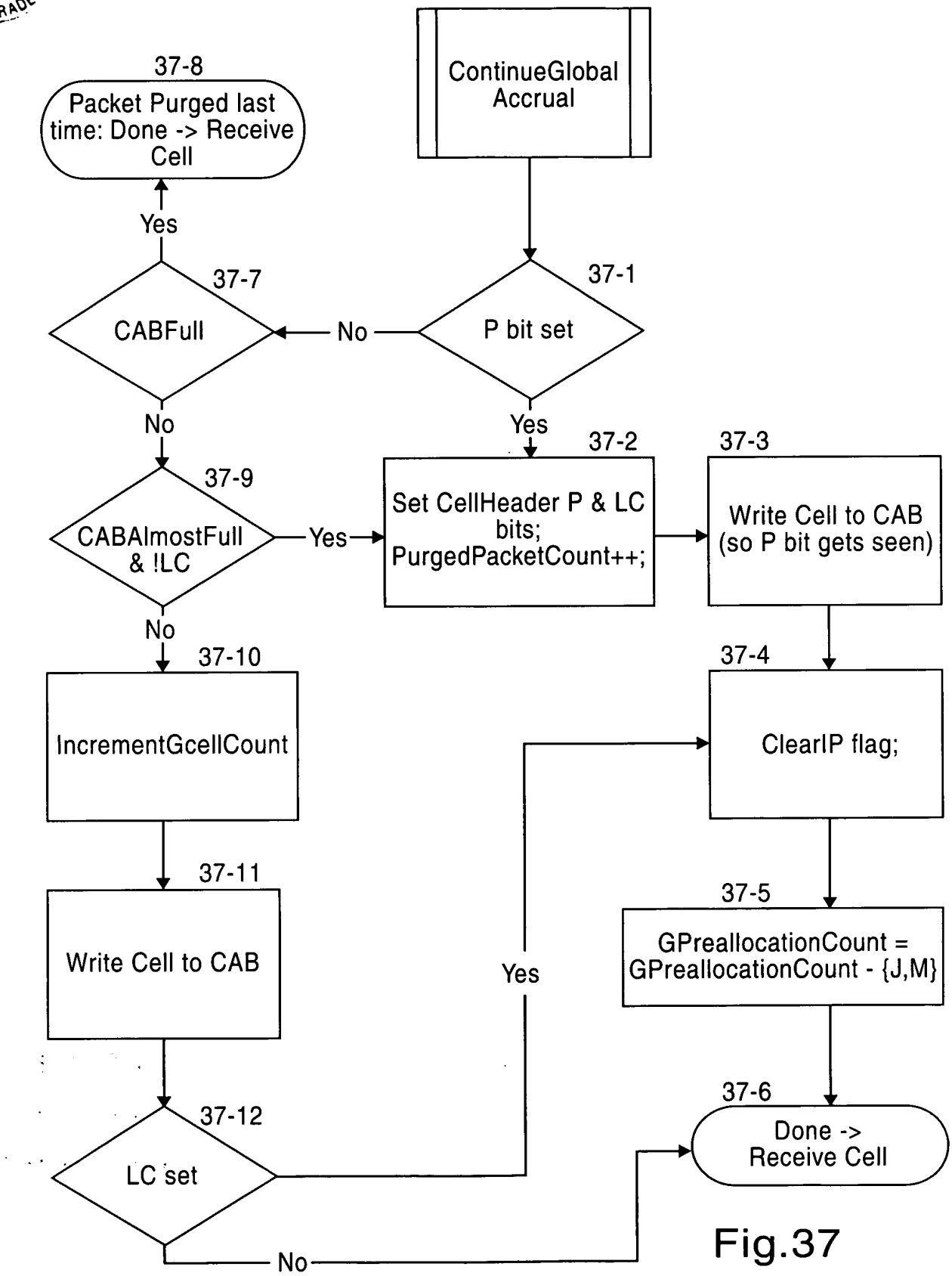


Fig.37

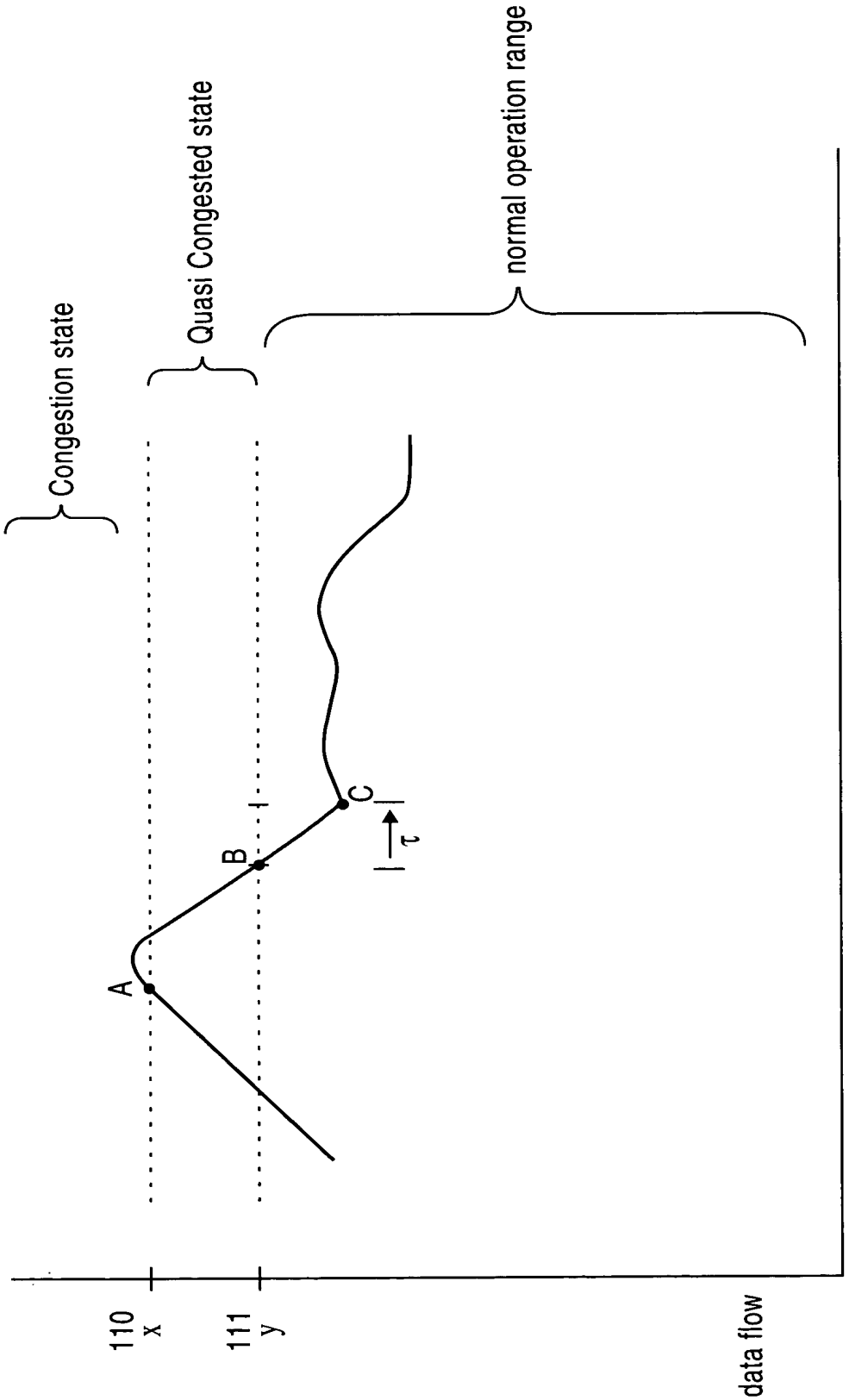


Fig.38

Fig.39